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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	3	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	4	AUG 13	CA/CAPplus enhanced with additional kind codes for granted patents
NEWS	5	AUG 20	CA/CAPplus enhanced with CAS indexing in pre-1907 records
NEWS	6	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	7	AUG 27	USPATOLD now available on STN
NEWS	8	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	9	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	10	SEP 13	FORIS renamed to SOFIS
NEWS	11	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	12	SEP 17	CA/CAPplus enhanced with printed CA page images from 1967-1998
NEWS	13	SEP 17	CAPplus coverage extended to include traditional medicine patents
NEWS	14	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	15	OCT 02	CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	16	OCT 19	BEILSTEIN updated with new compounds
NEWS	17	NOV 15	Derwent Indian patent publication number format enhanced
NEWS	18	NOV 19	WPIX enhanced with XML display format
NEWS	19	NOV 30	ICSD reloaded with enhancements
NEWS	20	DEC 04	LINPADOCDB now available on STN
NEWS	21	DEC 14	BEILSTEIN pricing structure to change
NEWS	22	DEC 17	USPATOLD added to additional database clusters
NEWS	23	DEC 17	IMSDRUGCONF removed from database clusters and STN
NEWS	24	DEC 17	DGENE now includes more than 10 million sequences
NEWS	25	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS	26	DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS	27	DEC 17	CA/CAPplus enhanced with new custom IPC display formats
NEWS	28	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS	29	JAN 02	STN pricing information for 2008 now available
NEWS	30	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	31	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	32	JAN 28	MARPAT searching enhanced
NEWS	33	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	34	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment

NEWS 35 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:42:15 ON 08 FEB 2008

=>

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 08:42:29 ON 08 FEB 2008

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 FEB 2008 HIGHEST RN 1002056-68-9
DICTIONARY FILE UPDATES: 7 FEB 2008 HIGHEST RN 1002056-68-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e vinyl acetate/cn

E1	1	VINYL ACETAL RESINS/CN
E2	1	VINYL ACETAL-VINYL ALCOHOL COPOLYMER/CN
E3	1 -->	VINYL ACETATE/CN
E4	1	VINYL ACETATE COMPOUND WITH METHYL LINOLATE (1:1)/CN
E5	1	VINYL ACETATE HOMOPOLYMER/CN
E6	1	VINYL ACETATE N-VINYLLIMIDAZOLE COPOLYMER/CN
E7	1	VINYL ACETATE PHTHALATE POLYMER/CN

```

E8          1      VINYL ACETATE POLYMER/CN
E9          1      VINYL ACETATE POLYMER, SYNDIOTACTIC/CN
E10         1      VINYL ACETATE POLYMERS SYNTHETIC FIBERS/CN
E11         1      VINYL ACETATE RADICAL MONOCATION/CN
E12         1      VINYL ACETATE RESIN/CN

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=> e3

```

L1          1      "VINYL ACETATE"/CN

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=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	8.83	9.04

FILE 'CAPLUS' ENTERED AT 08:47:12 ON 08 FEB 2008
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FILE COVERS 1907 - 8 Feb 2008 VOL 148 ISS 7
 FILE LAST UPDATED: 7 Feb 2008 (20080207/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> l1

```

L2          14467 L1

```

=> l1/prep

```

          14467 L1
          4525543 PREP/RL
L3          2138 L1/PREP
              (L1 (L) PREP/RL)

```

=> shut down

```

          10346 SHUT
          890 SHUTS
          11099 SHUT
              (SHUT OR SHUTS)
          295799 DOWN
          1348 DOWNS
          296755 DOWN
              (DOWN OR DOWNS)
L4          4208 SHUT DOWN
              (SHUT (W) DOWN)

```

=> l2 and l4

```

L5          1 L2 AND L4

```

=> d 15

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:365086 CAPLUS
DN 129:55712
TI Safety system in operating vinyl acetate plant
IN Anderson, John Eldon
PA Celanese International Corporation, USA
SO Eur. Pat. Appl., 6 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 845453	A2	19980603	EP 1998-102093	19980206
	EP 845453	A3	19980909		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI US	1997-855163	A	19970513		

=> oxidation

473318 OXIDATION
5065 OXIDATIONS
474615 OXIDATION
(OXIDATION OR OXIDATIONS)
796712 OXIDN
9925 OXIDNS
798846 OXIDN
(OXIDN OR OXIDNS)
L6 947558 OXIDATION
(OXIDATION OR OXIDN)

=> (alkene or olefin)

37605 ALKENE
87802 ALKENES
101332 ALKENE
(ALKENE OR ALKENES)
106502 OLEFIN
104798 OLEFINS
162110 OLEFIN
(OLEFIN OR OLEFINS)
L7 220570 (ALKENE OR OLEFIN)

=> carboxylic acid

258174 CARBOXYLIC
49 CARBOXYLICS
258195 CARBOXYLIC
(CARBOXYLIC OR CARBOXYLICS)
4525771 ACID
1612855 ACIDS
5033622 ACID
(ACID OR ACIDS)
L8 237917 CARBOXYLIC ACID
(CARBOXYLIC(W)ACID)

=> oxygen

809209 OXYGEN
7292 OXYGENS
L9 814288 OXYGEN
(OXYGEN OR OXYGENS)

=> 17(1)18(1)19
L10 148 L7(L)L8(L)L9

=> 14
10346 SHUT
890 SHUTS
11099 SHUT
(SHUT OR SHUTS)
295799 DOWN
1348 DOWNS
296755 DOWN
(DOWN OR DOWNS)
L11 4208 SHUT DOWN
(SHUT(W)DOWN)

=> 110 and 111
L12 0 L10 AND L11

=> catalyst inhibit?
790211 CATALYST
786926 CATALYSTS
1010785 CATALYST
(CATALYST OR CATALYSTS)
2002918 INHIBIT?
L13 681 CATALYST INHIBIT?
(CATALYST(W)INHIBIT?)

=> 111 and 113
L14 0 L11 AND L13

=> 110 and 113
L15 1 L10 AND L13

=> d 115

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:308397 CAPLUS
DN 140:321906
TI Catalytic process for the production of alkenyl carboxylates from
alkene and carboxylic acids in the presence of
oxygen with reduced formation of benzene and reduced
catalyst inhibition
IN Ditzel, Evert Jan; Froom, Simon Frederick Thomas
PA BP Chemicals Limited, UK
SO PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2004031120	A1	20040415	WO 2003-GB4220	20030929
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,				
	LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG,				
	PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,				
	TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
	FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,				

BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 CA 2497802 A1 20040415 CA 2003-2497802 20030929
 AU 2003271871 A1 20040423 AU 2003-271871 20030929
 EP 1549605 A1 20050706 EP 2003-753709 20030929
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 BR 2003015131 A 20050816 BR 2003-15131 20030929
 CN 1684938 A 20051019 CN 2003-823267 20030929
 JP 2006502199 T 20060119 JP 2004-540944 20030929
 US 2006167306 A1 20060727 US 2005-529723 20050330
 MX 2005PA03676 A 20050608 MX 2005-PA3676 20050406
 PRAI GB 2002-23215 A 20021007
 WO 2003-GB4220 W 20030929
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
35.26	44.30

SESSION WILL BE HELD FOR 120 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 08:53:48 ON 08 FEB 2008